

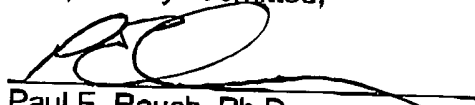
Serial No. 09/888,264

The rejection of the claims under 35 U.S.C. §112, first paragraph, has been obviated by appropriate amendment.

The rejection of the claims under 35 U.S.C. §102(b) over Palmisano, et al., has been obviated by appropriate amendment.

Applicants submit the application is now in condition for allowance. Early notice of such action is earnestly solicited.

Respectfully submitted,



Paul E. Rauch, Ph.D.  
Registration No. 38,591  
Attorney for Applicant

SONNENSCHN NATH & ROSENTHAL  
P. O. BOX 061080  
WACKER DRIVE STATION, SEARS TOWER  
CHICAGO, IL 60606  
(312) 876-8000

Serial No. 09/888,264

**VERSION WITH MARKINGS TO SHOW CHANGES MADE****In the Claims**

Please amend the claims as follows:

1. (Amended) A method for screening for compounds that affect uncoupling, comprising:
  - (a) contacting a mammalian cell or tissue sample with a candidate compound; and
  - (b) analyzing the expression of [human OGC] a polypeptide having at least 90% amino acid sequence identity to the polypeptide encoded by SEQ ID 1 or 2, and having uncoupling activity, within the sample.